

METHOD AND SYSTEM FOR ELECTRICALLY COUPLING A CHIP TO CHIP PACKAGE

## ABSTRACT OF THE DISCLOSURE

A chip and a chip package can transmit information to each other by using a set of converters capable of communicating with each other through the emission and reception of electromagnetic signals. Both the chip and the chip package have at least one such converter physically disposed on them. Each converter is able to (1) convert received electromagnetic signals into electronic signals, which it then may relay to leads on the device on which it is disposed; and (2) receive electronic signals from leads on the device on which it is disposed and convert them into corresponding electromagnetic signals, which it may transmit to a corresponding converter on the other device. Not having a direct physical connection between the chip and the chip package decreases the inductive and capacitive effects commonly experienced with physical bonds.